

## **METHOD AND APPARATUS FOR APPLICATION ROUTE DISCOVERY**

### **ABSTRACT OF THE INVENTION**

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A method and system for determining a route of an application in a network. The network includes a number of interconnected nodes, between a source node and a destination node. A sequence of application packets, being transmitted over an application port, are configured to expire at each one of a succession of nodes in the application route. Upon expiration, an error notification is generated by the node according to protocol, and received back at the source node. The error notification identifies the node from which it came, and a collection of error notification identifies the entire route of nodes.

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